Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: **November 2026**

Twelve-Month Forecast of CVP Generation and Base Resource

November 2026 - October 2027

Values at Load Center (Tracy Substation)

Based on Inflow **Exceedance Level:** **90% (Dry)**

Month	CVP Generation		Project Use		First Preference		Losses				Reg & Res	Purchases and Exchanges				Base Resource		
	CVP Maximum Capability (MW)	CVP Energy Generation (GWh)	Peak Project Use Demand (MW)	Project Use (PU) Load Energy (GWh)	First Pref. (FP) Peak Demand (MW)	First Pref. (FP) Load Energy (GWh)	CVPT (MW)	CVPT (GWh)	COTP (MW)	COTP (GWh)	Estimated Ancillary Services Capacity (MW)	PU Forward Purchase Off-Peak Energy (GWh)	PU & FP Capacity Purchase Reqmts. (MW)	Additional PU & FP Energy Purchase Reqmts. (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Nov-2026	1485	224	30	20	33.1	19.6	25.0	3.9	22.0	15.8	182.0	0.0	0.0	0.0	0.0	1,192.9	164.6	19.1
Dec-2026	1211	183	35	25	32.5	20.9	20.9	3.3	33.2	24.7	182.0	0.0	0.0	0.0	0.0	907.2	109.4	16.2
Jan-2027	978	143	175	165	34.4	21.6	17.7	2.6	21.0	15.6	182.0	0.0	0.0	44.0	0.0	547.6	0.0	0.0
Feb-2027	993	143	125	115	34.4	19.8	18.0	2.6	19.7	13.3	182.0	0.0	0.0	0.0	0.0	613.9	0.0	0.0
Mar-2027	1176	122	100	95	34.3	20.4	20.7	2.3	37.1	27.6	182.0	0.0	0.0	0.0	0.0	801.5	0.0	0.0
Apr-2027	1465	305	40	25	31.4	17.6	24.9	5.3	41.7	30.0	182.0	0.0	0.0	0.0	0.0	1,145.0	227.4	27.6
May-2027	1556	499	60	40	27.2	17.1	26.1	8.6	27.7	20.6	182.0	0.0	0.0	0.0	0.0	1,233.1	412.3	44.9
Jun-2027	1515	488	45	30	32.6	18.1	25.4	8.3	45.5	32.7	182.0	0.0	0.0	0.0	0.0	1,185.0	399.2	46.8
Jul-2027	1536	499	50	35	36.5	20.2	26.0	8.6	39.2	29.2	182.0	0.0	0.0	0.0	0.0	1,202.2	405.6	45.3
Aug-2027	1419	427	45	30	34.2	19.2	24.2	7.4	30.0	22.3	182.0	0.0	0.0	0.0	0.0	1,103.8	348.5	42.4
Sep-2027	1201	295	85	55	30.1	17.1	20.6	5.2	24.6	17.5	182.0	0.0	0.0	0.0	0.0	858.3	200.3	32.4
Oct-2027	1409	265	55	40	28.6	17.6	23.8	4.5	13.9	10.4	182.0	0.0	0.0	0.0	0.0	1,105.5	192.0	23.3
Total	15,943.2	3,592.6	845.0	675.0	389.4	229.2	273.2	62.6	355.5	259.8		0.0		44.0			2,459.3	

Based on Inflow **Exceedance Level:** **50% (Average)**

Month	CVP Generation		Project Use		First Preference		Losses				Reg & Res	Purchases and Exchanges				Base Resource		
	Maximum CVP Capacity (MW)	CVP Energy Generation (GWh)	Peak Project Use Demand (MW)	Project Use (PU) Load Energy (GWh)	First Pref. (FP) Peak Demand (MW)	First Pref. (FP) Load Energy (GWh)	CVPT (MW)	CVPT (GWh)	COTP (MW)	COTP (GWh)	Estimated Ancillary Services Capacity (MW)	PU Forward Purchase Off-Peak Energy (GWh)	PU & FP Capacity Purchase Reqmts. (MW)	Additional PU & FP Energy Purchase Reqmts. (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Nov-2026	1394	194	80	60	33.1	19.6	24.2	3.5	22.0	15.8	182.0	0.0	0.0	0.0	0.0	1,052.9	94.6	12.5
Dec-2026	1231	173	105	120	32.5	20.9	21.3	3.1	33.2	24.7	182.0	0.0	0.0	0.0	0.0	857.2	4.4	0.7
Jan-2027	1024	173	155	160	34.4	21.6	18.5	3.1	21.0	15.6	182.0	0.0	0.0	8.5	0.0	612.6	0.0	0.0
Feb-2027	1064	234	150	145	34.4	19.8	19.3	4.0	19.7	13.3	182.0	0.0	0.0	0.0	0.0	658.9	51.9	11.7
Mar-2027	1283	356	110	80	34.3	20.4	22.7	6.2	37.1	27.6	182.0	0.0	0.0	0.0	0.0	896.5	222.0	33.3
Apr-2027	1572	407	120	80	31.4	17.6	26.8	7.0	41.7	30.0	182.0	0.0	0.0	0.0	0.0	1,170.0	272.4	32.3
May-2027	1658	641	185	125	27.2	17.1	28.0	10.9	27.7	20.6	182.0	0.0	0.0	0.0	0.0	1,208.1	467.3	52.0
Jun-2027	1658	672	200	135	32.6	18.1	28.1	11.6	45.5	32.7	182.0	0.0	0.0	0.0	0.0	1,170.0	474.2	56.3
Jul-2027	1719	733	265	160	36.5	20.2	29.4	12.7	39.2	29.2	182.0	0.0	0.0	0.0	0.0	1,167.2	510.6	58.8
Aug-2027	1694	631	225	145	34.2	19.2	29.0	11.2	30.0	22.3	182.0	0.0	0.0	0.0	0.0	1,193.8	433.5	48.8
Sep-2027	1420	346	140	75	30.1	17.1	24.8	6.1	24.6	17.5	182.0	0.0	0.0	0.0	0.0	1,018.3	230.3	31.4
Oct-2027	1409	255	100	55	28.6	17.6	23.8	4.5	13.9	10.4	182.0	0.0	0.0	0.0	0.0	1,060.5	167.0	21.2
Total	17,126.0	4,814.0	1,835.0	1,340.0	389.4	229.2	296.0	84.0	355.5	259.8		0.0		8.5			2,928.2	

Notes:
This forecast uses inflow forecasts from the beginning of the month before the first shown. The separate Base Resource Regression Forecast (emailed towards the 1st of each month) uses recent inflow forecasts. Base Resource forecasts provided here are two scenarios representing the 50% and 90% inflow exceedances. These do not represent the Base Resource exceedances.

Base Resource forecast for the scenario representing the 90% inflow exceedance is greater than the 50% because there is less assumed pumping in the drier conditions.

Important Updates to Methodology as of December 2024 power forecast
1) California Oregon Transmission Losses are now included in the calculation of Base Resource within the forecast. Previous forecast did not include California Oregon Transmission Losses, resulting in a consistent over estimation of Base Resource.

2) CVP Transmission losses are now shown in the forecast. CVPT losses have always been factored into the forecast, but now shown as a separate column. Previous forecasts have provided the CVP Energy Generation in column A as a net after CVPT was removed. The current forecast shows Gross CVP Generation with a separate column for CVPT losses.